BRIEF DESCRIPTION OF THE DRAWINGS

Figure 1 is a schematic of the cased elbow well drilled into a bed of a subterranean material, wherein the elbow well comprises an injection tube, a production casing, and a production tube that is connected to a pump to help lift the subterranean mixture in the cavity to a collection location, here, the earth's surface.

A3

Figure 2a is a cross-sectional view of the initial cavity in the elbow well.

Figure [[3]]2b is a cross-sectional view of the cavity in the elbow well, wherein the cavity is larger than in Figure 2a.

Figure [[4]]2c is a cross-sectional view of the cavity in the elbow well, wherein the cavity is larger than in Figure [[3]]2b.

According to another embodiment of the invention, seen in **Figures [[2-4]]2a-2c**, the cavity **50** expands as more fluid **10** is injected into the well **15** dissolving more subterranean material **25**. The cavity **50** expands outward from the end of the elbow well **15**, and therefore the cavity **50** propagates back to the well **15**. In the event that a collapse of the cavity **50**, or other obstruction, reduces the flow of the mixture **55**, the injection tube **45** is perforated in some embodiments to permit further amounts of the mixture **55** to be collected. Alternatively, rather than perforation, the injection tube **45** is withdrawn, partially, until debris from the collapse is clear and flow of the mixture **55** is raised to an acceptable level.

A4

Replacement Sheet

Fig. 2a

Stage 1: Initial Cavity Formation

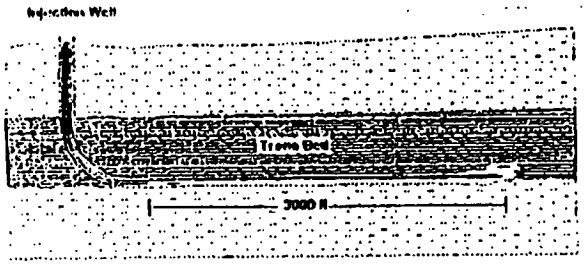
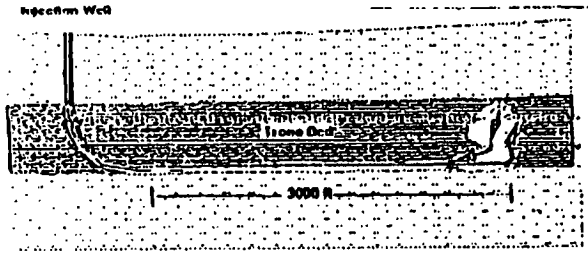


Fig. 2b

Stage 2: Cavity Formation across Shale Partings



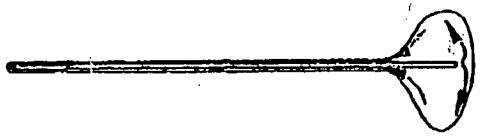
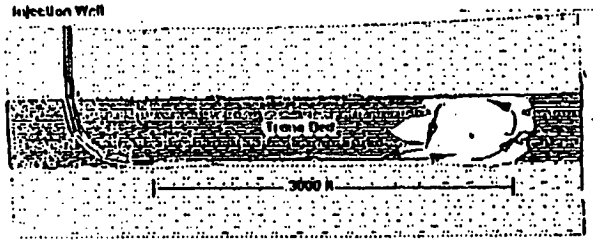
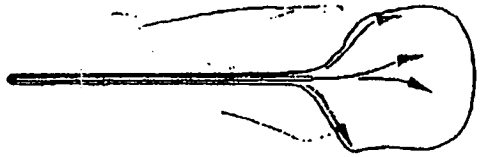


Fig. 2c

Stage 3: Tubing Pull-Back or Perforation to Extend Cavity





Cross Section

Plan View